

Information Paper



**1990 Survey of Income
and Housing Costs
and Amenities**

**Unit Record File on Magnetic
Tape and Floppy Disk**

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**INFORMATION PAPER
1990 SURVEY OF INCOME AND HOUSING COSTS
AND AMENITIES**

UNIT RECORD FILE ON MAGNETIC TAPE AND FLOPPY DISK

**IAN CASTLES
Australian Statistician**

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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics contact Bob Dutton on Canberra (06) 2525838 or any, ABS State office.*
 - *for information about other ABS statistics and services please refer to the back page of this publication.*
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SAMPLE FILES ON MAGNETIC TAPE AND FLOPPY DISK

1. Introduction

1.1 This publication provides information concerning the computer readable files containing data for the 1990 Survey of Income and Housing Costs and Amenities. These files are now available for purchase.

1.2 The *Census and Statistics Act 1905* has provision for the release of unit records where the information is not likely to enable the identification of a particular person or organisation. A unit record file containing data from the 1990 Survey of Income and Housing Costs and Amenities has been prepared. It contains no names or addresses and the detail for some items of data has been suppressed, reduced or perturbed. The file is available on magnetic tape or floppy disk under certain conditions of issue which are specified on the following pages. Subject to the limitations of sample size and the data classifications used, it is possible for a user to manipulate the data, produce tabulations and undertake statistical analyses to their own specifications.

2. Magnetic Tape and Floppy Disk Formats

2.1 Details of magnetic tape formats, tape labelling options, recording densities, code sets available, floppy disk types, etc. are given in Appendices A and B.

3. File and Record Structures and Recording Modes

3.1 There are four files associated with the survey:

(a) File 1 contains two types of records, one for income units and one for persons. All income unit and person records are linked through the use of an 8 digit number which is unique to a household, the family number within that household and the income unit number within that family. In each household, families are numbered consecutively. The family which contains the owner of the dwelling is always number 1 family. The owner however is not necessarily a member of income unit number 1 in that family.

The collating sequence of this file is:

- (i) 'Unique Household Number' by
- (ii) 'Family Number' by
- (iii) 'Income Unit Number' by
- (iv) 'Record Type' by
- (v) 'Person Number Within Income Unit'.

(b) File 2 is a 'print file' in that it contains standard ANSI print control characters. Each record (or print line) is 133 bytes in length (the first being the print control character). The user may print this file to obtain extensive documentation about the data in file 1.

(c) File 3 is a compressed and formatted version of file 2 which users may load into their systems for ADP purposes. Each record in this file is 148 bytes in length. The basic difference between files 2 and 3 is that, in file 3, the carriage (printer) control character and superfluous blanks have been removed, and fields have been placed in specific positions within the records together with identifiers to enable correct interpretation. Further information about this file and how to interpret it will be provided with the sample file.

(d) File 4 is a copyright warning file. This text file contains twenty two 80 byte records in a single 1760 byte block.

3.2 Files on Magnetic Tape

Where a user chooses to receive the files on magnetic tape using the EBCDIC code set, the data are provided as 4 separate files on a single reel of magnetic tape, as detailed above. If however the ASCII code set is chosen, it will be necessary to provide the data from file 1 as two magnetic tape files. A separate tape is required one for each record type, as single files containing variable length records can not be produced on ASCII encoded magnetic tapes. Where the ASCII option is chosen, Files 2, 3 and 4 detailed above will be provided as files 3, 4 and 5 respectively. It will be necessary for the purchaser to re-construct the hierarchical file 1 based on the collating sequence detailed above.

3.3 Files on Floppy Disks

Where users choose to obtain the data on floppy disks, the data files will be provided a series of appropriately labelled disks in compressed format. Public Domain software together with associated documentation will be provided to enable the user to de-compress the files into the same format as would normally be provided on magnetic tape. The de-compressed files reflect the documentation provided in this publication and files 2 and 3 detailed above.

4. Data Collection Method

4.1 The survey was conducted throughout Australia in the period October to December 1990. The information was obtained by trained interviewers in a personal interview with each resident aged 15 or over in the selected dwelling.

4.2 Respondents were asked to refer to personal records such as taxation assessment or return forms, group certificates, pay slips, etc to enhance the accuracy of the data.

4.3 Persons with income from their own business who did not know their annual income were asked if the interviewers could call back when their records were available. Call-backs were conducted from February to April 1991.

5. Survey Estimation and Weighting Procedures

5.1 Estimates derived from the survey are obtained by using a ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by area of residence, age and sex, rather than to the area of residence, age and sex within the sample itself.

5.2 One of the fields on each person record of the sample file contains a 'weight' for that person. This 'weight' takes into account the person's probability of selection in the sample from his/her region, with an adjustment to account for underenumeration at the age, sex and metropolitan/ rest of State level. The 'weights' were derived from the monthly population benchmarks (average October to December 1990) providing the number of persons in each State/ part of State, cross-classified by age and sex.

5.3 The 'weights' on the file were further adjusted to take account of those person records which it was necessary to discard from the survey population. The methodology used is discussed under 'Special Processing For Non-Sampling Errors' in paragraph 9.

5.4 If estimates of population sub-groups are to be derived, it is essential that they are calculated by adding the 'weights' of the persons who contribute to the category, not just counting the number of person records which fall into the category. If each person were to be counted only once then no account would be taken of the fact that a person's chance of being selected in the survey varies across region, age and sex, and the resulting estimates may be seriously biased. Whilst in the majority of cases this might appear to be obvious, it will not be so clear-cut when analyses such as means, medians, percentages, etc. are being produced, as the results separately produced from weighted and un-weighted estimates whilst appearing reasonable, would differ.

6. Using the Data

6.1 Classifications

The detail provided in some classificatory variables has been reduced to avoid the release of identifiable information. These variables, which include such classifications as Country of Birth and Occupation, are flagged in Appendix C and listed in Appendix D.

6.2 Effects of Sampling

The 1990 Survey of Income and Housing Costs and Amenities was based on a multistage area sample of private dwellings and a sample of non-private dwellings (hotels, motels, boarding houses, construction camps, caravan parks, etc.) and covered about one-third of one per cent of the population of Australia who were aged 15 years or more at the time of the interview. Institutions (examples given in para. 7.3.1) were not enumerated in this survey. As the survey was conducted at only a sample of all households in Australia, it is important to take account of the method of sample selection when deriving estimates from the sample file. This is particularly important as a

person's chance of selection in the survey varied, depending upon the region in which he/ she lived. If these different chances of selection are not accounted for by the use of appropriate 'weights', the results will be biased.

6.3 Population Inclusions and Exclusions

6.3.1 The survey included all persons aged 15 and over except:

- (a) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (b) overseas residents in Australia;
- (c) members of non-Australian defence forces (and their dependants) stationed in Australia;
- (d) residents of institutions such as hospitals and sanatoria, and inmates of gaols, reformatories, etc.

6.3.2 Persons aged 15-20 years who were full-time primary or secondary school students at the time of interview were only asked details of their age, sex, marital status and their relationship within their family, and the household.

7. Reliability of the Estimates

7.1 The estimates which are able to be produced from the sample file are subject to two types of error. these are referred to as sampling error and non-sampling error.

7.2 Sampling Error

7.2.1 This is the difference which would be expected between the estimate and the corresponding figure that would have been obtained from a collection based on the whole population, using the same questionnaires and procedures. A measure of the sampling error for a given estimate is provided by the standard error expressed as a percentage of the estimate (relative standard error).

7.3 Non-Sampling Error

7.3.1 These errors can occur whether the estimates are derived from a sample or from a complete enumeration or census. Some major sources of non-sampling errors are:

- (a) inability to obtain comprehensive data from all persons included in the sample. These errors arise because of differences which exist between the characteristics of respondents and non-respondents;
- (b) errors in reporting on the part of both respondents and interviewers. These reporting errors may arise through inappropriate wording of questions, misunderstanding of what data are required, inability or unwillingness to provide accurate information and mistakes in answers to questions; and
- (c) errors arising during processing of the survey data. These processing errors may occur in data transcrip-

tion, coding, computer programming and data recording.

8. Special Processing For Non-Sampling Errors

8.1 Non-sampling errors are difficult to measure in any collection. However, every effort was made to minimise these errors. In particular, the effect of reporting and processing errors described above was minimised by careful questionnaire design, intensive training and supervision of interviewers, asking respondents to refer to records whenever possible, and extensive editing and quality control checking at all stages of data processing.

8.2 Initial analysis of the response indicated that a large number of questionnaires were to be treated as 'disguised refusals', as they contained a high content of 'don't know' and 'refusal' responses to monetary questions. These records and all other records in the household were dropped from the enumerated survey population. 1,058 person records were dropped as a result of this analysis.

8.3 Other records which were dropped from the enumerated survey population were:

- 391 people interviewed in households where one or more usual residents were out on coverage;
- 24 people interviewed in households where one or more usual residents were out on scope;
- 139 visitors to private dwellings;
- 71 people who migrated to Australia after 30 June 1990; and
- 12 boarding school pupils.
- The resultant population is what is referred to as the responding survey population.

8.4 A total of 1,695 person records (5.3%) were dropped from the enumerated survey population (32,139 person records) to produce the responding survey population of 30,444 person records.

8.5 With exception of amount outstanding on housing mortgages and loans, all don't know and refusal responses to monetary questions in the responding survey population have been imputed from answers provided by other respondents in the responding survey population.

8.6 The criteria used in this imputation was based on such variables as age, sex, marital status, State, area of State, occupation, sector of industry, structure and size of dwelling, year of purchase of dwelling, etc.

8.7 Insufficient imputation criteria was available from the survey to enable imputation of amount outstanding on housing mortgages/ loans to be performed with any degree of confidence.

8.8 A considerably higher proportion of people in business (when compared to other types of surveyed people), were identified as 'disguised refusals'. The effect of simply dropping those records would therefore produce a bias in the responding survey population against people with business interests.

8.9 To reduce the non-sampling error caused by this, corrective weighting benchmarks were produced from the fully-enumerated survey. These were then applied against the responding survey population.

8.10 The corrective benchmarks only affect those weighting strata (State, part of State, age and sex) which contained one or more 'disguised refusals'. Because most 'disguised refusals' were business people, in the majority of cases the weight of business people in the affected strata was increased whilst the weight of non-business people was reduced. If however the strata contained a majority of non-business disguised refusals, then this corrective affect was reversed. The total population estimate for each weighting strata remains unchanged.

9. Conditions of Sale

9.1 The IDS unit record file is released under strict conditions. Prior to completing the unit record file order forms, users should read carefully the conditions of sale described in Appendix F.

9.2 Sample files are released in accordance with a Ministerial Determination (Statutory Rules 1983 no. 19) in pursuance of Section 13 of the Census and Statistics Act 1905. As required by the Determination, the sample files have been designed so that the information on the files does not enable the identification of the particular persons or households to whom it relates.

9.3 In pursuance of Clause 7, the Determination requires clients to sign a Form of Undertaking (see Appendix F) stating that the information provided will be used for statistical purposes only.

9.4 Use of data for statistical purposes means use by the person or organisation to produce information of a statistical nature. Examples of such uses are:

- (a) the manipulation of data to produce means, correlations or other descriptive summary measures;
- (b) the estimation of population characteristics from sample data;
- (c) the use of data as input to mathematical models and for other types of analyses(e.g. factor analysis); and
- (d) to provide graphical and pictorial representation of characteristics of the population or sub-sets of the population.

9.5 The following are examples of non-statistical purposes:

- (a) transmitting or allowing access to unit record data in part or whole to any other person/ organisation (other potential users of the data for statistical purposes must therefore make separate application to the ABS);
- (b) transmitting of, or allowing access to any other person/organisation to, any information based on the unit record data which comprised only one record; and
- (c) attempting to match unit record data in whole or in part with any other information for the purposes of attempting to identify individuals.

9.6 Use of the data for improper purposes may render the user liable to severe penalties. For information about the propriety of any particular intended use, please contact The Director, Household Income and Expenditure Section of the Australian Bureau of Statistics, Belconnen ACT on Canberra (06) 252 6098 or write to the address given on page 28.

9.7 Copyright in the data is vested in the Commonwealth of Australia. The Form of Undertaking states that the client will not allow access to the unit record data by any other person/organisation.

9.8 Other Conditions of Sale

- (a) Statistical tables, graphs etc. obtained from analysis of these data files may be further disseminated provided that the purchaser agrees:

- (i) to indicate that the ABS is the source of the data used;
- (ii) not to attribute any analysis or transformation of the data to the ABS; and
- (iii) to use the terminology currently used by the ABS for describing the data.
- (iv) to ensure that the reproduced material is provided free-of-charge to the end-user and that there is no likely impact on ABS publication sales. Where permission is sought to utilise Commonwealth copyright material to generate a financial return, the Commonwealth reserves the right to set an appropriate charge or to require an equitable revenue sharing arrangement.

- (b) While the utmost care will be taken in preparing each data tape or disk, deterioration may occur between the time of copying and receipt. Accordingly if the data is unreadable on receipt, and this is reported to the ABS within 28 days of despatch, it will be recopied free of charge. As a precaution, the user is advised to make at least one copy of the files on receipt.

10. How to order

In Appendixes F and G of this publication are an order form (IDS/1) and the Undertaking (IDS/2), together with a guide for completing them. Please submit your orders only on these forms.

APPENDIX A

MAGNETIC TAPE FORMATS

All data on magnetic tapes from household sample surveys are supplied from the ABS Canberra office and encoded by a FACOM M780 computer. All tapes are of standard dimensions (730m x 17.7mm) and use 9 tracks.

Tape Labelling Conventions

Three labelling options are available:

- (a) FACOM Standard Label (same as IBM Standard Label). A label block consisting of an 80 character EBCDIC coded fixed format record prefixed as for Australian Standard Labels but with some fields containing different information. However the contents of the main fields are the same as for ANSI X3.27 labels. For a complete description see Appendix B;
- (b) Australian Standard Label (ANSI X3.27 - 1978 and AS 1068 - 1971). A label block consists of an 80 character ASCII coded fixed format record prefixed by the characters VOL1, HDR or EOF. For a complete description see Appendix B; and
- (c) Unlabelled.

Note: All data files labelled and unlabelled will be encoded using either EBCDIC or ASCII Code Sets, and will be blocked. The last file of data will be terminated by two consecutive tape marks. Although the ABS can supply unlabelled tape files from the M780 environment, the practice is strongly discouraged.

Recording Densities

There are two recording densities available, and these are phase encoded 63 RPmm (1600 bpi) and 246 RPmm (6250 bpi).

Code Sets

Two code sets are available;

- (1) EBCDIC Code Set. ABS always writes this code in 8 bit representation. This code will not be presented on tapes with ANSI labels; and
- (2) ASCII Code Set (AS1776 - 1975) which requires a minimum of 7 bits for representation. The ABS always writes this code in 8 bit representation with the high order bit set to zero. This code will not be presented on tapes with FACOM Standard Labels.

Block Sizes

The block sizes will be as close as possible to 2048 characters which is the maximum block size allowed for ANSI labelled tapes. Block sizes are not a user option.

Provision of Magnetic Tapes

The Unit Record Files will be supplied on ABS tapes. These tapes are certified 730m x 12.7mm new tapes.

Initialising Arrangements for Magnetic Tapes

All tapes will be initialised by the ABS under its Tape Management System (TMS). Labelled tapes will be allocated volume serial numbers (VSN's) by the ABS and hardcopy of the label details will be supplied to the user. The user may specify an expiry date on the order form.

ABS Recommended Tape Option

The ABS recommends that the data be provided on 9 track tapes which are FACOM Standard labelled written at 246 RPmm (6250 bpi) using the EBCDIC code set.

Floppy Disk Formats

Where a user chooses to obtain the data on floppy disks, to enable processing of the data on IBM or IBM compatible microcomputers, the data files will be provided on a series of appropriately labelled disks, in a highly compressed format. Public domain software together with associated documentation will be provided to enable the user to de-compress the files into the same format as would normally be provided on magnetic tape, and as such, would reflect the documentation provided in this publication.

APPENDIX B

MAGNETIC TAPE VOLUME AND DATA SET LABELS

Section A — FACOM Standard Labels (same as IBM)

Each label is one 80-byte record containing various attributes of the data set or reel. EBCDIC code is used. There are five kinds of labels, as shown in Figure A.1.

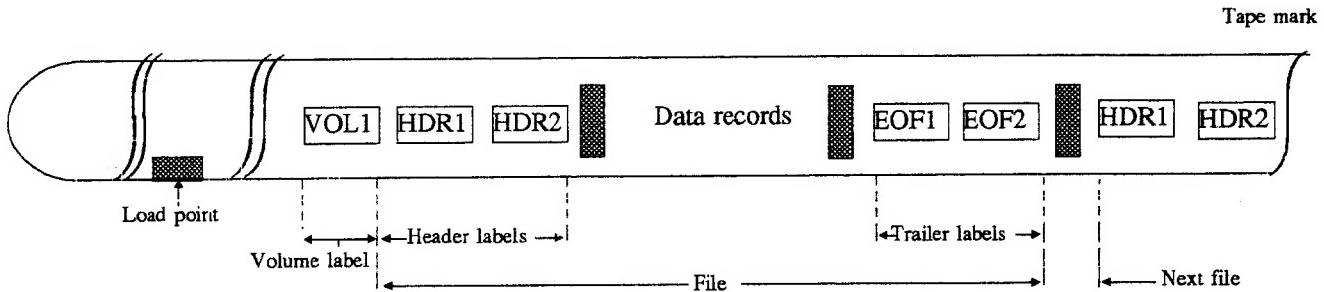


Figure A.1 FACOM Standard labels (same as IBM)

Volume label

One volume label exists as the first block on each reel. The label contains VSN, owner name and other data pertinent to this reel. A volume label is characterised by its first four characters: VOL. 1.

Header labels

Two header labels are written at the front of each file: header label 1 (HDR1) and header label 2 (HDR2). The former contains an identification of this file, the latter contains various attributes.

Trailer labels

Two trailer labels are written at the end of each file: trailer label 1 (EOF1) and trailer label 2 (EOF2). As can be seen from Figure A.1, header and trailer labels are paired for each file on the volume. Trailer labels are quite similar to header labels, since reel processing does not always start from the front of a file, e.g. when reading backwards.

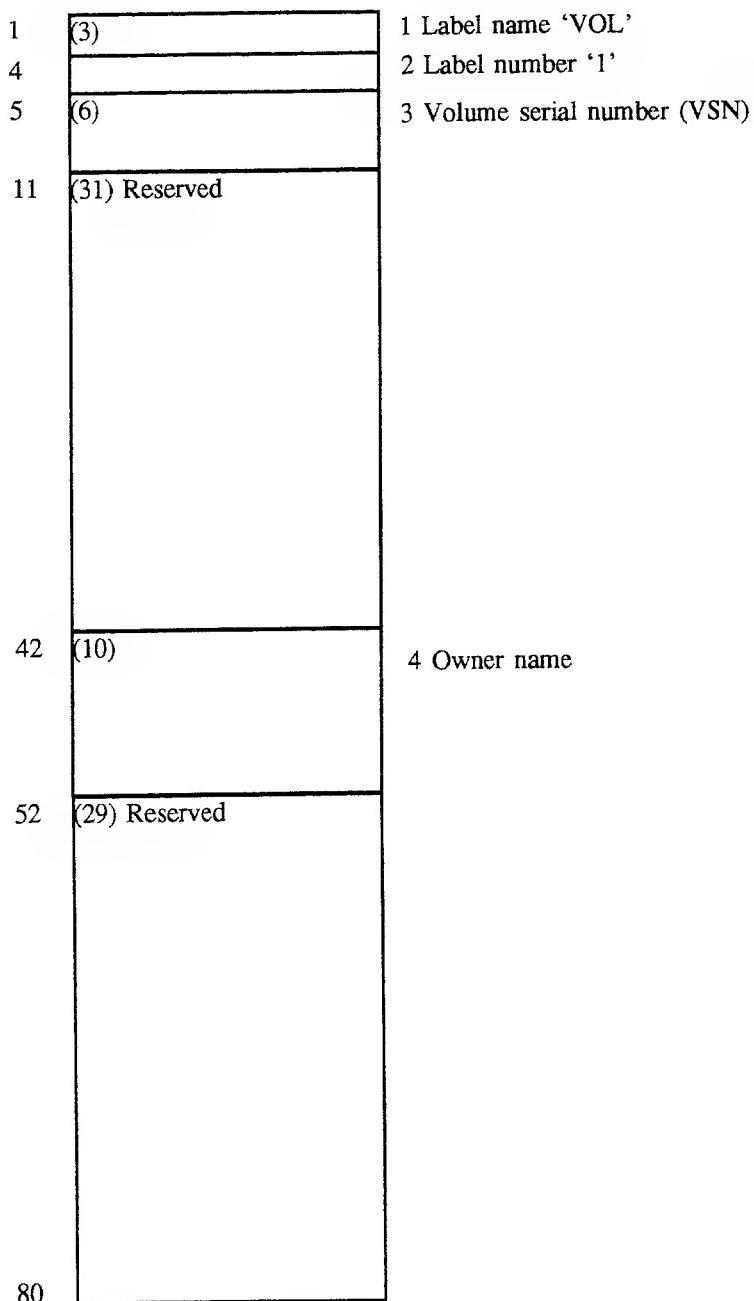


Figure A.2 Standard volume label

Standard volume label format:

Refer to Figure A.2.

- 1 *Label name*: Indicates that the label is a volume label; always 'VOL'.
- 2 *Label number*: This is the sequence number of the volume label. There is only one volume label for a standard label reel; hence, its sequence number is always '1'.
- 3 *Volume serial number (VSN)*: One to six EBCDIC characters. Used to cite a specific volume. Externally readable label on the reel should agree with this serial number for operating convenience.
- 4 *Owner name*: Arbitrary identifier of up to ten EBCDIC characters.

1	(3)	1 Label name
4		2 Label number
5	(17)	
		3 File name
22	(6)	4 File serial number
28	(4)	5 Volume sequence number
32	(4)	6 File sequence number
36	(4)	7 Generation number
40	(2)	8 Version number
42	(6)	9 Creation date
48	(6)	10 Expiry date
54		11 Security indicator
55	(6)	12 Block count
61	(13)	
		13 System code
74	(7)	
80		

Figure A.3 First standard header or trailer label for a file

Standard format for the first header and trailer labels for a file:

Refer to Figure A.3.

- 1 *Label name*: There are the following two kinds of label names:
 - ‘HDR’ Header label
 - ‘EOF’ Trailer label (end of data set).
- 2 *Label number*: Sequence number of this label; always ‘1’ in this case.
- 3 *File name*: Seventeen character left-justified data set name. When less than seventeen characters, padded on right with blanks.
- 4 *File serial number*: Serial number of first volume on which these data exist.
- 5 *Volume sequence number*: Sequence number for a data set on one or more volumes. Volume sequence number is always ‘0001’ for a single volume.
- 6 *File sequence number*: Relative position of each data set on the volume (ranges through 0001-9999). This is relative to the first volume.
- 7 *Generation number*: Blank.
- 8 *Version number*: Blank.
- 9 *Creation date*: Indicates year and day the data set was created:

byyddd	b	Blank
	yy	Last two digits of the calendar year (00-99)
	ddd	Day in the year (001-366)
- 10 *Expiry date*: Indicates year and date until which the data set is protected from deletion. Same format as the creation date. Field is character ‘0’ if not specified and the protection interval is null.
- 11 *Security indicator*: Set to ‘0’ (unprotected).
- 12 *Block count*: Total number of data blocks in the data set. Stored in the trailer label (EOF1 or EOV1); always ‘0’ in the header label (HDR1).
- 13 *System code*: Identifier for system that created the data set. Always ‘FACOM OS IV/F4’ (13 bytes) for reels created on this operating system.

1	(3)	1 Label name
4		2 Label number
5		3 Record format
6	(5)	4 Block lenght
11	(5)	5 Record lenght
16		6 Recording density
17		7 Volume status
18	(17)	8 Job/step name
35	(2)	9 Recording mode
37		10 Control character
38		11 Reserved
39		12 Blocking attribute
40	(41) Reserved	
80		

Note : Reserved—All blank

Figure A.4 Second standard header or trailer label for a file

Standard format for the second header and trailer labels for a file:
 Refer to figure A.4.

1 *Label name:*

- 'HDR' Header label
- 'EOF' Trailer label (end of data set)

2 *Label number:* Sequence number of this label; always '2' in this case.

3 *Record format:*

F	Fixed length
V	Variable length
U	Undefined length

4 *Block length:*

F	format	Block length (integer multiple of record length)
V	format	Maximum block length (including BDW)
U	format	Maximum block length

5 *Record length:*

F	format	Logical record length
V	format	Maximum logical record length (including RDW)
U	format	Always '0'

6 *Recording density*

3 1600 (9 track)

7 *Volume status:*

0 First (or only) volume for this data set

8 *Job and step names:* Job name (eight characters) and step name (eight characters) delimited by '/' when the data set was created.

9 *Recording mode:* Blank

10 *Control character:*

A	ANSI control characters
C	FACOM control characters
M	Machine control characters
blank	No control characters

11 *Unused field (blanks):*

12 *Blocking attribute:*

B	Blocked records
S	Spanned records
R	Blocked spanned records
blank	Unblocked unspanned records

Section B — ANSI labels

ANSI labels have basically the same format as FACOM Standard Labels. There are some differences in positions of fields in VOL1 and HDR1. HDR3 and subsequent header labels are not used. All ANSI labels and data are recorded in ASCII code at a recording density of 63 RPmm (1600 BPI) or 246 RPmm (6250 BPI).

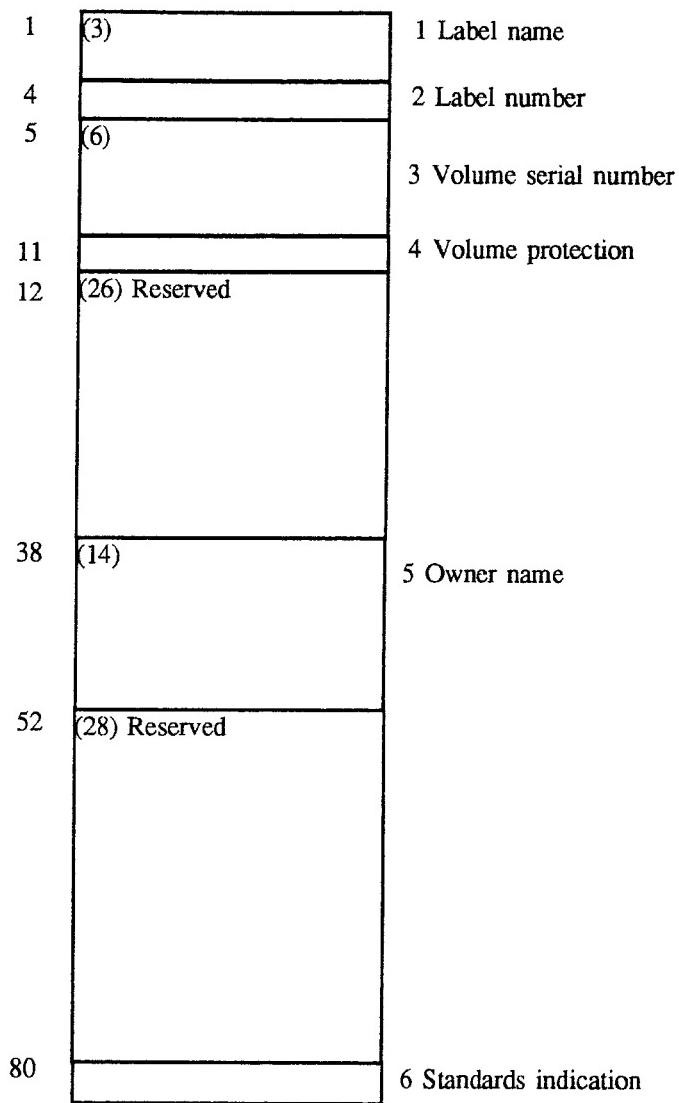


Figure A.5 ANSI volume label

ANSI volume label format:

Refer to figure A.5.

- 1 *Label name*: Indicates that the label is a volume label. Always 'VOL'.
- 2 *Label number*: Sequence number of the volume label. There is only one volume label for an ANSI Standard Label reel; hence, its sequence number is always '1'.
- 3 *VSN*: One to six ANSI characters. Used to cite a specific volume.
- 4 *Volume protection*: This field is an ANSI 'space' character.
- 5 *Owner name*: Arbitrary name of at most 14 ANSI characters. This field is left blank if no owner name was specified when the file was created.
- 6 *Standards indication*: This field is set to '1'.

1	(3)	1 Label name
4		2 Label number
5	(17)	3 File name
22	(6)	4 File serial number
28	(4)	5 Volume sequence number
32	(4)	6 File sequence number
36	(4)	7 Generation number
40	(2)	8 Version number
42	(6)	9 Creation date
48	(6)	10 Expiry date
54		11 Security indicator
55	(6)	12 Block count
61	(13)	13 System code
74	(7)	
80		

Figure A.6 First ANSI header or trailer label for a data set

ANSI format for the first header and trailer labels for a file:

Refer to Figure A.6. The contents of the fields (1)-(13) in Figure A.6 are the same as those of the FACOM Standard Label (Figure A.3) except for field (11), 'Security indicator'.

Figure A.6 First ANSI header and trailer label for a data set

11 *Security indicator*: Blank

ANSI format for the second header and trailer labels for a file: Same as FACOM Standard Labels.

Other labels: File labels 3-9 (HDR3-HDR9, EOF3-EOF9) are not created by ABS.

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990
LIST OF DATA ITEMS

RECORD : INCOME UNIT

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : IDENTIFYING ITEMS	
Family number	1-5
Household number	0-99999999
Income unit number	1-7
Record identifier	3
DATA ITEM GROUP : ACCOMMODATION	
Amount currently owing on home mortgages/loans to build or purchase - unit	\$0-999999
Amount currently owing on loans for alterations and additions - unit	\$0-999999
Amount paid in rates per year including water and sewerage - unit	\$0-999999
* Capacity of the carport	0-3,9
* Capacity of the fully enclosed garage	0-3,9
Current sale value of the dwelling - unit	\$0-9999999
Current weekly home loan repayments to build/purchase - unit	\$0-999999
Current weekly loan repayments for alterations/additions - unit	\$0-999999
Current weekly rent/board payments - unit	\$0-999999
Dwelling type.	0-6
* Nature of housing occupancy	0-6
* Number of bathrooms in the household	1-3,9
* Number of bedrooms currently used in the household	1-5,9
* Number of bedrooms in the household	1-5,9
* Number of enclosed entrance halls or foyers in the household	1-3,9
* Number of family/lounge/dining rooms in the household	1-6,9
* Number of kitchens in the household	1-3,9
* Number of laundries in the household	1-2,9
* Number of loans and mortgages to build/purchase - unit	0-3
* Number of loans for alterations/additions - unit	0-2
* Number of other rooms in the household	1-3,9
* Number of toilets in the household	1-3,9
Purchase price of the dwelling if purchased 1985 or later - unit	\$0-9999999
* Whether there is insulation in the roof or ceiling	1-3,9
* Whether there is insulation in the walls	1-3,9

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C

**SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990
LIST OF DATA ITEMS**

RECORD : INCOME UNIT

FIELD	RANGE OF CODES
- DATA ITEM GROUP : INCOME UNIT DESCRIPTION	
* Age of spouse	0-15
* Age of the reference person of the income unit	0-15
Age of youngest child under 15 in the income unit.	0-14,99
* Country of birth of spouse	0-8
* Country of birth of the reference person of the income unit	0-8
Income unit type (current)	0-4
* Marital status of the reference person of the income unit	0-3
* Number of dependent children aged 00 to 04 in the income unit	0-4
* Number of dependent children aged 05 to 09 in the income unit	0-4
* Number of dependent children aged 10 to 12 in the income unit	0-4
* Number of dependent children aged 13 to 14 in the income unit	0-4
* Number of dependent children aged 15 in the income unit	0-4
* Number of dependent children aged 15 to 20 in the income unit	0-4
* Number of dependent children aged 16 in the income unit	0-4
* Number of dependent children aged 17 in the income unit	0-4
* Number of dependent children aged 18 to 20 in the income unit	0-4
* Number of dependent children aged 21 to 24 in the income unit	0-4
* Number of dependent children in the income unit	0-6
* Number of persons aged 0 to 14 in the income unit	0-4
* Number of persons aged 15 to 64 in the income unit	0-4
* Number of persons aged 65 to 99 in the income unit	0-4
Number of persons in the income unit.	0-11
Sex of the reference person of the income unit	0-2
* Year of arrival of spouse	0-5
* Year of arrival of the reference person of the income unit	0.5
DATA ITEM GROUP : EXCLUSION INDICATORS	
Family financial exclusion indicator	1-3
Household financial exclusion indicator	1-3
Income unit financial exclusion indicator	1-3
DATA ITEM GROUP : GEOGRAPHIC ITEMS	
* State of enumeration	1-7
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS	
Annual 1989-90 income from age pension - unit	\$0-999999
* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level	

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990
LIST OF DATA ITEMS

RECORD : INCOME UNIT

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS - <i>continued</i>	
Annual 1989-90 income from disability pension - unit	\$0-999999
Annual 1989-90 income from family allowance - unit	\$0-999999
Annual 1989-90 income from family income supplement - unit	\$0-999999
Annual 1989-90 income from government pensions and benefits not elsewhere included - unit	\$0-999999
Annual 1989-90 income from invalid pension - unit	\$0-999999
Annual 1989-90 income from overseas government pensions and benefits - unit	\$0-999999
Annual 1989-90 income from secondary Austudy scheme - unit	\$0-999999
Annual 1989-90 income from service pension - unit	\$0-999999
Annual 1989-90 income from sickness benefit - unit	\$0-999999
Annual 1989-90 income from sole parent's benefit - unit	\$0-999999
Annual 1989-90 income from special benefit - unit	\$0-999999
Annual 1989-90 income from tertiary education Austudy scheme - unit	\$0-999999
Annual 1989-90 income from unemployment benefit - unit	\$0-999999
Annual 1989-90 income from war widow's pension - unit	\$0-999999
Annual 1989-90 income from widow's pension - unit	\$0-999999
Annual 1989-90 income from wife's/carer's pension - unit	\$0-999999
Current weekly income from age pension - unit	\$0-999999
Current weekly income from disability pension - unit	\$0-999999
Current weekly income from family allowance - unit	\$0-999999
Current weekly income from family income supplement - unit	\$0-999999
Current weekly income from government pensions and benefits not elsewhere included - unit	\$0-999999
Current weekly income from invalid pension - unit	\$0-999999
Current weekly income from overseas govt pensions and benefits - unit	\$0-999999
Current weekly income from secondary Austudy scheme - unit	\$0-999999
Current weekly income from service pension - unit	\$0-999999
Current weekly income from sickness benefit - unit	\$0-999999
Current weekly income from sole parent's benefit - unit	\$0-999999
Current weekly income from special benefit - unit	\$0-999999
Current weekly income from tertiary education Austudy scheme - unit	\$0-999999
Current weekly income from unemployment benefit - unit	\$0-999999
Current weekly income from war widow's pension - unit	\$0-999999
Current weekly income from widow's pension - unit	\$0-999999
Current weekly income from wife's/carer's pension - unit	\$0-999999
* Per cent of annual 1989-90 income received from government pensions and benefits	0-6

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990 LIST OF DATA ITEMS

RECORD : INCOME UNIT

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS - <i>continued</i>	
* Per cent of current weekly income received from government pensions and benefits	
Total annual 1989-90 income from government pensions and benefits (excluding concessions) - unit	\$0-999999
Total current weekly income from government pensions and benefits (excluding concessions) - unit	\$0-999999
DATA ITEM GROUP : INCOME FROM BUSINESS AND TRUSTS	
Annual 1989-90 loss from own non-limited liability business/trust pre tax after expenses deducted - unit	\$0-999999
Annual 1989-90 profit from own non-limited liability business/trust pre tax after expense deducted - unit	\$0-999999
Current weekly income from own non-limited liability business/trust pre tax after expense deducted - unit	\$0-999999
Current weekly loss from own non-limited liability business/trust pre tax after expenses deducted - unit	\$0-999999
DATA ITEM GROUP : SUMMARY INCOME VARIABLES	
Principal source of annual income during 1989-90	0-7
Principal source of current weekly income.	0-7
Total annual 1989-90 income from all sources - unit	\$0-999999
Total current weekly income from all sources - unit	\$0-999999
DATA ITEM GROUP : INCOME FROM OTHER REGULAR PAYMENTS	
Annual 1989-90 income from any regular source not elsewhere included - unit	\$0-999999
Annual 1989-90 income from director's fees (not included in wage or salary income) - unit	\$0-999999
Annual 1989-90 income from financial support from relatives - regular payments - unit	\$0-999999
Annual 1989-90 income from first home owners scheme - regular payments - unit	\$0-999999
Annual 1989-90 income from maintenance/alimony - regular payments - unit	\$0-999999
Annual 1989-90 income from road accident compensation - regular payments - unit	\$0-999999

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990 LIST OF DATA ITEMS

RECORD : INCOME UNIT

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : INCOME FROM OTHER REGULAR PAYMENTS - <i>continued</i>	
Annual 1989-90 income from terminaton of employment - regular payments - unit	\$0-999999
Annual 1989-90 income from workers' compensation, accident or sickness insurance - regular payments - unit	\$0-999999
Current weekly income from financial support from relatives - regular payments - unit	\$0-999999
Current weekly income from first home owners scheme - unit	\$0-999999
Current weekly income from maintenance/alimony - unit	\$0-999999
Current weekly income from road accident compensation - unit	\$0-999999
Current weekly income from workers' compensation, accident or sickness insurance - unit	\$0-999999
Total annual 1989-90 income from other regular payments - unit	\$0-999999
Total current weekly income from other regular payments - unit	\$0-999999
DATA ITEM GROUP : INCOME FROM PERSONAL INVESTMENTS	
Annual 1989-90 income from dividends, not own limited liability company - unit	\$0-999999
Annual 1989-90 income from dividends, own limited liability company - unit	\$0-999999
Annual 1989-90 loss from rent after expenses deducted - unit	\$0-999999
Annual 1989-90 profit from rent after expenses deducted - unit	\$0-999999
Total annual 1989-90 income from personal investments - unit	\$0-999999
Total current weekly income from personal investments - unit	\$0-999999
DATA ITEM GROUP : INCOME FROM SUPERANNUATION	
Annual 1989-90 income from superannuation - unit	\$0-999999
Current weekly income from superannuation - unit	\$0-999999
DATA ITEM GROUP : INCOME FROM WAGES OR SALARY	
Total current usual weekly income from wages or salary from main and second job - unit	\$0-999999
Total 1989-90 include from wage or salary(from own limited liability company and as employee)(including leave load, tips, commissions, bonuses) - unit	\$0-999999

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990 LIST OF DATA ITEMS

RECORD : INCOME UNIT

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : TAXATION	
Amount of tax paid or payable for 1989-90 - unit	\$0-999999
DATA ITEM GROUP : WEIGHTS	
Weight of the family (needs division by 10,000)	0-99999999
Weight of the household (needs division by 10,000)	0-99999999
Weight of the income unit (needs division by 10,000)	0-99999999

APPENDIX C**SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990
LIST OF DATA ITEMS**

RECORD : PERSON

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : IDENTIFYING ITEMS	
Family number	1-5
Household number	0-99999999
Income unit number	1-7
Person number in the income unit	1-6
Record identifier	4
DATA ITEM GROUP : PERSON DESCRIPTION	
* Age	1-16
* Country of birth	1-8
Family relationship code	0-14
Family type	0-9
Household type	0-9
Income unit type	0-5
* Marital status	1-3
Number of months during 1989-90 the person was in current marital status	1-12,97-98
Number of weeks away from Australia during 1989-90	0-6
Position in family - relationship to the family reference person	0-6
Position in household - relationship to the household reference person	0-7
Position in income unit - relationship to the income unit reference person	0-4
Sex	0-2
* Type of resident	1-2
* Year of arrival in Australia	0-5
DATA ITEM GROUP : EDUCATION	
Age left school	0-8
Current study status	0-5
Highest educational qualification	0-9
Main field of study in highest qualification since leaving school	0-30
Study status during 1989-90	0-8
DATA ITEM GROUP : EXCLUSION INDICATORS	
Person financial exclusion indicator	1-3

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APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990
LIST OF DATA ITEMS

RECORD : PERSON

FIELD	RANGE OF CODES
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS	
Annual 1989-90 income from age pension	\$0-999999
Annual 1989-90 income from disability pension	\$0-999999
Annual 1989-90 income from family allowance	\$0-999999
Annual 1989-90 income from family income supplement	\$0-999999
Annual 1989-90 income from government pensions and benefits not elsewhere included	\$0-999999
Annual 1989-90 income from invalid pension	\$0-999999
Annual 1989-90 income from overseas government pensions and benefits	\$0-999999
Annual 1989-90 income from secondary assistance scheme	\$0-999999
Annual 1989-90 income from service pension	\$0-999999
Annual 1989-90 income from sickness benefit	\$0-999999
Annual 1989-90 income from sole parent's benefit	\$0-999999
Annual 1989-90 income from special benefit	\$0-999999
Annual 1989-90 income from tertiary education assistance scheme	\$0-999999
Annual 1989-90 income from unemployment benefit	\$0-999999
Annual 1989-90 income from war widow's pension	\$0-999999
Annual 1989-90 income from widow's pension	\$0-999999
Annual 1989-90 income from wife's/carer's pension	\$0-999999
Current weekly income from age pension	\$0-999999
Current weekly income from disability pension	\$0-999999
Current weekly income from family allowance	\$0-999999
Current weekly income from family income supplement	\$0-999999
Current weekly income from government pensions and benefits not elsewhere included	\$0-999999
Current weekly income from invalid pension	\$0-999999
Current weekly income from overseas government pensions and benefits	\$0-999999
Current weekly income from secondary assistance scheme	\$0-999999
Current weekly income from service pension	\$0-999999
Current weekly income from sickness benefit	\$0-999999
Current weekly income from sole parent's benefit	\$0-999999
Current weekly income from special benefit	\$0-999999
Current weekly income from tertiary education assistance scheme	\$0-999999
Current weekly income from unemployment benefit	\$0-999999
Current weekly income from war widow's pension	\$0-999999
Current weekly income from widow's pension	\$0-999999
Current weekly income from wife's/carer's pension	\$0-999999
Number of weeks age pension received in 1989-90	0-52
Number of weeks disability pension received in 1989-90	0-52

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990 LIST OF DATA ITEMS

RECORD : PERSON

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : INCOME FROM GOVT PENSIONS AND BENEFITS - <i>continued</i>	
Number of weeks family income supplement received in 1989-90	0-52
Number of weeks government pensions and benefits not elsewhere included received in 1989-90	0-52
Number of weeks invalid pension received in 1989-90	0-52
Number of weeks overseas government pensions and benefits received in 1989-90	0-52
Number of weeks secondary assistance received in 1989-90	0-52
Number of weeks service pension received in 1989-90	0-52
Number of weeks sickness benefit received in 1989-90	0-52
Number of weeks sole parent's benefit received in 1989-90	0-52
Number of weeks special benefit received in 1989-90	0-52
Number of weeks tertiary education assistance received in 1989-90	0-52
Number of weeks unemployment benefit received in 1989-90	0-52
Number of weeks war widow's pension received in 1989-90	0-52
Number of weeks widow's pension received in 1989-90	0-52
Number of weeks wife's/carer's pension received in 1989-90	0-52
* Per cent of annual 1989-90 income received from government pensions and benefits	0-6
* Per cent of current weekly income received from government pensions and benefits	0-6
Total annual 1989-90 income from government pensions and benefits (excluding concessions)	\$0-999999
Total current weekly income from government pensions and benefits (excluding concessions)	\$0-999999
DATA ITEM GROUP : INCOME FROM BUSINESS AND TRUSTS	
Annual 1989-90 business loss from own non-limited liability business/trust pre tax after expenses deducted	\$0-999999
Annual 1989-90 income from own non-limited liability business/trust pre tax but after expenses deducted	\$0-999999
Current weekly business loss from own non-limited liability business/trust pre tax after expenses deducted	\$0-999999
Current weekly income from own non-limited liability business/trust pre tax but after expenses deducted	\$0-999999
Type of trust held during 1989-90	0-30

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990 LIST OF DATA ITEMS

RECORD : PERSON

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : SUMMARY INCOME VARIABLES	
Principal source of annual income during 1989-90	0-8
Principal source of current weekly income	0-8
Total annual 1989-90 income from all sources	\$0-999999
Total current weekly income from all sources	\$0-999999
DATA ITEM GROUP : INCOME FROM OTHER REGULAR PAYMENTS	
Annual 1989-90 income from any regular source not elsewhere included	\$0-999999
Annual 1989-90 income from director's fees (not included in wage or salary income)	\$0-999999
Annual 1989-90 income from financial support from relatives - regular payments	\$0-999999
Annual 1989-90 income from first home owners scheme - regular payments	\$0-999999
Annual 1989-90 income from maintenance/alimony - regular payments	\$0-999999
Annual 1989-90 income from road accident compensation - regular payments	\$0-999999
Annual 1989-90 income from termination of employment - regular payments	\$0-999999
Annual 1989-90 worker's compensation, accident or sickness insurance - regular payments	\$0-999999
Current weekly income from financial support from relatives - regular payments	\$0-999999
Current weekly income from first home owners scheme	\$0-999999
Current weekly income from maintenance/alimony	\$0-999999
Current weekly income from road accident compensation	\$0-999999
Current weekly income from workers' compensation, accident or sickness insurance	\$0-999999
Number of weeks first home owners scheme payments received during 1989-90	0-52,99
Total annual 1989-90 income from other regular payments	\$0-999999
Total current weekly income from other regular payments	\$0-999999
DATA ITEM GROUP : INCOME FROM PERSONAL INVESTMENTS	
Annual 1989-90 income from dividends, not own limited liability company	\$0-999999

APPENDIX C

SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990 LIST OF DATA ITEMS

RECORD : PERSON

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : INCOME FROM PERSONAL INVESTMENTS - <i>continued</i>	
Annual 1989-90 income from dividends, own limited liability company	\$0-999999
Annual 1989-90 loss from rent after expenses deducted	\$0-999999
Annual 1989-90 profit from rent after expenses deducted	\$0-999999
Total annual 1989-90 income from personal investments	\$0-999999
Total current weekly income from personal investments	\$0-999999
DATA ITEM GROUP : INCOME FROM SUPERANNUATION	
Annual 1989-90 income from superannuation	\$0-999999
Current weekly income from superannuation	\$0-999999
DATA ITEM GROUP : INCOME FROM WAGES OR SALARY	
Annual 1989-90 income from wage or salary (as employee)(including leave loading, tips, commissions, bances)	\$0-999999
Annual 1989-90 income from wages or salary (from own limited liability company) (including tips)	\$0-999999
Current usual weekly income from wages or salary from main job	\$0-99999
Current usual weekly income from wages or salary from second job	\$0-99999
Total annual 1989-90 include from wage or salary(from own limited liability company and as employee)(including leave load, tips, commissions, bonuses)	\$0-999999
Total current usual weekly income from wages or salary from main and second job	\$0-99999
DATA ITEM GROUP : LABOUR FORCE	
Full-time/part-time status in current main and second jobs	0-2
Full-time/part-time status in current main job	0-2
* Industry in current main job	0-13
* Industry in main job during 1989-90	0-13
* Industry sector for current main job	0-2,9
* Industry sector for main job in 1989-90	0-2,9
Labour force status for all jobs during 1989-90	0-5
Labour force status in current main and second jobs	0-8
Labour force status/status of worker in current main job	0-8
Labour force status/status of worker in current second job	0-8
Number of hours usually worked per week in current main and second jobs	0-9
Number of hours usually worked per week in current main job	0-9

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX C**SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES, 1990
LIST OF DATA ITEMS**

RECORD : PERSON

<i>FIELD</i>	<i>RANGE OF CODES</i>
DATA ITEM GROUP : LABOUR FORCE - <i>continued</i>	
Number of hours usually worked per week in current second job	0-3
Number of weeks during 1989-90 without a job, business or trust	0-52
Number of weeks unemployed during 1989-90	0-52
Number of weeks worked during 1989-90	0-52
* Occupation in current main job	0-9
* Occupation in current second job	0-9
* Occupation in main job during 1989-90	0-9
DATA ITEM GROUP : TAXATION	
Amount of tax paid or payable for 1989-90	\$0-999999
DATA ITEM GROUP : WEIGHTS	
Weight of the person (needs division by 10,000)	0-99999999

* The detail for this item has been reduced to preserve the confidentiality of individuals and/or because the data at a more detailed level would be unreliable for most practical purposes.

APPENDIX D

CLASSIFICATIONS WITH REDUCED DETAIL

To ensure the confidentiality of individual's data, various classificatory items have been recoded so as to provide less detail. these are:

- age of the income unit reference person;
- age of the person;
- age of the spouse of the income unit reference person;
- capacity of the carport;
- country of birth of the income unit reference person;
- country of birth of the person;
- country of birth of the spouse of the income unit reference person;
- dwelling type;
- garage capacity;
- hours worked per week in all current jobs;
- hours worked per week in main current job;
- hours worked per week in second current job;
- occupation in main current job;
- occupation in main 1989-90 job;
- marital status of the income unit reference person;
- marital status of the person;
- marital status of the spouse of the income unit reference person;
- number of enclosed entrance halls or foyers;
- number of family/ lounge/ dining rooms;
- number of loans for alterations/ additions to the dwelling;
- number of loans to build/ purchase the dwelling;
- number of other rooms in the household;
- number of toilets in the household;
- number of dependent children in the income unit;
- number of bathrooms in the household;
- number of bedrooms in the household;
- number of kitchens in the household;
- number of laundries in the household;
- number of weeks the person was out of Australia during 1989-90;
- year of arrival of the income unit reference person;
- year of arrival of the person; and
- year of arrival of the spouse of the income unit reference person.

Details of the classificatory items are available. Requests for details should be directed to:

The Assistant Director
 Household Income and Expenditure Section
 Australian Bureau of Statistics
 PO Box 10 BELCONNEN
 ACT 2616

APPENDIX E

UNIT RECORD FILE ORDER FORMS

A guide to completing magnetic tape or floppy disk order forms

Form IDS/1 is used for ordering the Survey of Income and Housing Costs and Amenities unit record file on magnetic tape or floppy disk and should be completed with the assistance of someone with technical knowledge of the computer system to be used to process the files. You are required to sign the order form (IDS/1), which contains details of the files and your tape labelling requirements etc.

2. You must also ensure that the Undertaking (IDS/2) made in pursuance of subclause 7(1) under the *Census and Statistics Act 1905*, in which you undertake to use the data on the files for statistical purposes only, is signed by someone authorised to sign legal documents on behalf of your organisation and that a copy is retained by your organisation. Please ensure that the name of your organisation and the date of your request are provided. No orders will be processed unless the order form and Undertaking are fully completed and signed.

3. There are two pricing levels associated with the files: one for 'secondary providers' of ABS data, the second for other users. The term 'secondary provider' applies to any person or organisation obtaining standard products on magnetic tape or floppy disk, or on any media from ABS special data base interrogation services or special computer based services, and who then sells products to a third party where the major component of such products is statistical data obtained from the ABS. Persons or organisations preparing consultant or research reports that rely on ABS data are not regarded as secondary providers where research and analysis is the major component of the reports.

4. The current pricing levels for the unit record file can be obtained by contacting the nearest ABS office. ABS contact details for each State are given in Appendix G. Prices include freight and handling charges to a destination within Australia. Overseas customers are required to pay the appropriate freight charge.

5. ABS will initialise all magnetic tapes in its Tape Management System with the details specified by the user on the order form. Labelled tapes will be allocated a volume serial number (VSN) by the ABS. If you are unable to accept an ABS supplied VSN, please contact the Data Base Administrator on Canberra (06) 252 6093.

Conditions of sale or lease of ABS proprietary products

Client's order

6. The Australian Bureau of Statistics (ABS) proprietary products are sold or leased by the Commonwealth of Australia ('the Commonwealth') by

and through the ABS. The ABS proprietary products ordered by the Client are specified on form IDS/1. Prices for ABS proprietary products are subject to change without notice by the Commonwealth.

Copyright of ABS proprietary products

7. The following conditions apply:

- (a) The Client acknowledges that ABS proprietary products are special, valuable and unique products in which the Commonwealth holds copyright. The Client agrees not to disclose to any third party any information, including specifications, drawings, designs, know-how, or details of software (whether of a commercial or technical nature) in the products, without the prior written consent of the Commonwealth and payment of appropriate additional charges (see (d) below).
- (b) In respect of any data in computer readable form or software comprising the products, the Commonwealth authorises the Client to use the said data or software on a non-transferable and non-exclusive basis and to copy any such data or software only for backup purposes.
- (c) Copying of data or software for purposes other than backup is prohibited. Discounts for multiple copies and site licenses apply.
- (d) As a general principle, nothing in these conditions should prevent the Client from quoting statistical data contained in the products, providing
 - (i) that the ABS is cited as the source of the data used;
 - (ii) that analysis or transformation of the data is not attributed to the ABS;
 - (iii) the terminology used is that used by the ABS for describing data; and
 - (iv) the reproduced material is provided free-of-charge to the end-user and there is no likely impact on ABS publication sales. Where permission is sought to utilise Commonwealth copyright material to generate a financial return, the Commonwealth reserves the right to set an appropriate charge or to require an equitable revenue sharing arrangement.
- (e) If the Client wishes to deviate from these conditions in any way, the Client must first contact the Director, Publishing and Electronic Dissemination, Australian Bureau of Statistics, Cameron Offices,

Chandler Street, Belconnen, ACT 2616. (Phone (06) 252 6101).

Warranty

8. Except as provided in paragraph 9

- (a) No conditions or warranties, either express or implied, are given or offered for the proprietary products sold or leased pursuant to the Client's order nor does the Commonwealth warrant the suitability of these products for any purpose. The Commonwealth shall not be liable for any damage, injury or loss arising or resulting directly or indirectly from the Client's use of any of these products.
- (b) Neither the Commonwealth or the ABS nor their servants or agents shall be liable to the Client for any loss or damage arising or resulting directly or indirectly from any statement, information or advice made or given, whether negligently or otherwise, in relation to any product, its compilation or production, or the use to which it is intended to be put and without limiting the generality of the foregoing, any liability for faulty material or inaccuracies in the basic data or the physical condition of the product is expressly negated.
- (c) Where the data is provided by the ABS on magnetic tape or disk, utmost care will be taken in preparing and handling each tape or disk. However, deterioration may occur between the time of copy and the Client's receipt of the tape or disk. Accordingly, if the tape or disk is unreadable on receipt, and this is reported to the ABS within 28 days of dispatch, it will be recopied free of charge. As an added precaution you are advised to take at least one security copy of the tape or disk on receipt.

Limitation of liability of the Commonwealth

9. The liability of the Commonwealth in respect of any damage, injury or loss suffered from the use of any of the proprietary products shall be limited to:

- (a) the replacement of the product or the supply of an equivalent product; or
- (b) an amount not exceeding \$100 for any claim arising out of or in connection with the relationship established by this Agreement.

Applicable law

10. This Agreement shall be construed in accordance with the law of the Australian Capital Territory and the parties submit to the jurisdiction of the courts of that Territory.

Ordering procedure

- (i) Forward the signed order form (IDS/1) and the Undertaking (IDS/2) with your crossed cheque for the appropriate amount to:

The Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone (06) 252 6093

- (ii) Make all cheques payable to The Collector of Public Moneys.

Further information

11. If you have any queries about this service, please telephone or write to:

The Director
Household Income and Expenditure Section
The Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

Telephone (06) 252 6098

1990 SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES**IDS/1 ORDER FORM**

To:

The Australian Bureau of Statistics
 PO Box 10
 BELCONNEN ACT 2616

1. Supply me with the IDS unit record file on magnetic tape/floppy disks * at the current price. (Current price levels can be obtained from the nearest ABS office. See Appendix G for contact details of ABS offices.)
2. **MAGNETIC TAPE OPTIONS**

I require the following tape formats. (The ABS recommends that you consult with your computer services area to establish your tape options.)

- | | |
|---|---|
| (a) TICK ONE
COPYING
OPTION | <input type="checkbox"/> ANSI LABELS and ASCII CODE SET
<input type="checkbox"/> FACOM LABELS and EBCDIC CODE SET
<input type="checkbox"/> UNLABELLED and ASCII CODE SET
<input type="checkbox"/> UNLABELLED and EBCDIC CODE SET |
| (b) RECORDING
DENSITY | <input type="checkbox"/> 63 RPmm (1600 BPI)
<input type="checkbox"/> 246 RPmm (6250 BPI) |
| (c) EXPIRY
DATE | <input type="checkbox"/> Permanent protection
<input type="checkbox"/> Default 30 day protection
<input type="checkbox"/> Other (YYDDD) |
| (d) VOLUME SERIAL NUMBER
Can you accept an ABS supplied VSN? | <input type="checkbox"/> Yes
<input type="checkbox"/> No
ENTER your VSN for VOL1 label. |

IMPORTANT: Please phone
 the Data Base Administrator,
 Canberra, (06) 252 6093
 before entering your VSN.

3. DOS FORMATTED FLOPPY DISK OPTIONS

- | |
|---|
| <input type="checkbox"/> 3 1/2" Double Sided High Density |
| <input type="checkbox"/> 5 1/4" Double Sided High Density |

ABS USE ONLY			
Tape number	VSN	Indent number	Date order received

* Delete as appropriate

ABS OFFICE USE ONLY**COLLECTOR OF PUBLIC MONEYS**

Form of Payment

Amount.....

Receipt Number

Signature Date

SUBJECT AREA

Contact: The Assistant Director
Household Income and Expenditure Subsection
(06) 252 5838

Approval: Signature
(Assistant Statistician, Prices and Household Finance Branch)

Date

PROCESSING AREA

Contact: The Assistant Director
Survey Processing Subsection
(06) 252 6526

ABS Order Number

TapeNumber.....

Date Initialized

Date Copied

Dispatch: Signature
(Person handling order)

Date

IDS/1—continued

4. Courier the tape(s) to:
or, phone to arrange collection:

Name.....

Position

Organisation.....

Address

.....Postcode.....

Telephone ().....

5. The order may be collected, in person, from the ABS Inquiry Desk, Wing 5, Chandler Street entrance, Cameron Offices, Belconnen, ACT.

6. If we have any technical queries about your order, whom do we contact?

Name.....

Position

Telephone ().....

7. Are you going to be providing data from this product to other people? If so, you may need to pay our licence fee. Contact Canberra (06) 252 6526 to discuss your options/usage. Then, if the term 'secondary provider' applies to you or your organisation, please complete Section A (on page 31). Otherwise, complete Section B (on page 31). For the definition of 'secondary provider' see paragraph 3 of Appendix E on page 27.

8. A crossed cheque (No.....) for \$..... payable to the Collector of Public Moneys is attached.

9. If you prefer to pay by credit card, complete the following:

Bankcard Mastercard Visa for \$.....

Card number:

Name on card.....

Expiry dateSignature

Telephone ().....Date

IDS/1—continued**SECTION A. (To be completed by secondary providers)**

NOW I,.....
(Full name and position)

in the.....
(Name of department or organisation)

HEREBY CONSIDER that I/the Department/the organisation, fit/s into the category of 'secondary provider' as defined in paragraph 3, Appendix E and agree to the Conditions of Sale set out in paragraphs 6 to 10 inclusive of Appendix E.

Dated thisday of19.....

Signature.....

Name of Signatory.....

Position of Signatory.....

SECTION B. (To be completed by non-secondary providers)

NOW I,.....
(Full name and position)

in the.....
(Name of department or organisation)

HEREBY CONSIDER that I/the Department/the organisation do/does not fit into the category of 'secondary provider', as defined in paragraph 3, Appendix E and I undertake that I/the Department/the organisation will not pass the data on, in any form, to a third party without the prior approval of the ABS, and agree to the Conditions of Sale set out in paragraphs 6 to 10 inclusive of Appendix E.

Dated thisday of19.....

Signature.....

Name of Signatory.....

Position of Signatory.....

**NOTE: THE UNDERTAKING (IDS/2) ON THE FOLLOWING PAGE MUST BE FULLY
COMPLETED AND RETURNED WITH THIS ORDER FORM.**

IDS/2

APPENDIX F
THE UNDERTAKING

**1990 SURVEY OF INCOME AND HOUSING COSTS AND AMENITIES UNIT RECORD FILE
UNDERTAKING MADE IN PURSUANCE OF SUB-CLAUSE 7(1) OF THE DETERMINATION
UNDER THE CENSUS AND STATISTICS ACT 1905 (STATUTORY RULES 1983, NO. 19)**

WHEREAS

- (A) Subsection 13(1) of the *Census and Statistics Act 1905* ('the Act') provides for the Minister for the time being administering the Act to make by instrument in writing determinations providing for and in relation to the disclosure with the approval in writing of the Australian Statistician ('the Statistician') of information included in a specified class of information furnished in pursuance of the Act;
- (B) On 16 February 1983 the Minister of State for Veterans' Affairs acting for and on behalf of the Treasurer (the latter being the Minister at that time administering the Act) made a determination ('the determination') being No. 19 of Statutory Rules 1983);
- (C) Sub-clause 7(1) of the determination permits upon the terms therein specified disclosure of information, if the Statistician has been given an undertaking of the type specified in sub-clause 7(2) of the determination ('undertaking')

NOW I.....

(Full name and position)

in the.....

(Name of Department or organisation)

HEREBY UNDERTAKE that I/the Department / the organisation, will use the unidentified individual 1990 Survey of Income and Housing Costs and Amenities records provided by the Australian Statistician for statistical purposes only. (See paragraph 25 on page 2 of this publication for clarification).

Dated this..... day of 19

Signature.....

Name of Signatory

Position of Signatory

CLAUSE 7, STATUTORY RULES 1983, NO. 19

Disclosure of unidentified information

7(1) Information in the form of individual statistical records may, with the approval in writing of the Statistician, be disclosed where—

- (a) all identifying information such as name and address has been removed;
- (b) the information is not likely to enable the identification of the particular person or organisation to which it relates; and
- (c) the Statistician has been given a relevant undertaking for the purposes of this clause.

(2) A reference in paragraph (1)(c) to a relevant undertaking shall be read as a reference to an undertaking in writing by—

- (a) in the case of information to be disclosed to a person, being an individual — that person;
- (b) in the case of information to be disclosed to an official body — the responsible Minister in relation to, or a responsible officer of, that official body; or
- (c) in the case of information to be disclosed to an organisation other than an official body — a responsible officer of that organisation,

that the information will be used for statistical purposes only.

SUBSECTIONS 13(1) AND (2), CENSUS AND STATISTICS ACT 1905

Release of information

13(1) Notwithstanding anything in this Act (other than this section), the Minister may, by instrument in writing, make determinations providing for and in relation to the disclosure, with the approval in writing of the Statistician, of information included in a specified class of information furnished in pursuance of this Act.

(2) Without limiting the generality of sub-section (1), determinations may make provision—

- (a) as to the person to whom the information may be disclosed;
- (b) as to the persons, being the persons from whom the information has been obtained, whose consent is required for the disclosure of the information; and
- (c) specifying terms and conditions subject to which the information may be disclosed, including, but without limiting the generality of the foregoing, terms and conditions as to the requiring of a person to whom the information is, or is to be, disclosed to give an undertaking, in writing with respect to the disclosure of the information by that person, including an undertaking not to disclose any of the information to any person.

SECTION 19 (2), CENSUS AND STATISTICS ACT 1905

(2) A person who contravenes sub-section (1) or fails to comply with an undertaking of the kind referred to in paragraph 13(2)(c) given by him in relation to information disclosed to him in accordance with a determination is guilty of an indictable offence punishable on conviction by a fine not exceeding \$5,000 or imprisonment for a period not exceeding 2 years, or both.

APPENDIX G

CONTACT DETAILS FOR ABS OFFICES

NEW SOUTH WALES

Information Services
 Australian Bureau of Statistics
 3rd Floor, St Andrew's House
 Sydney Square
 Sydney NSW 2000

(Box 796, GPO Sydney 2001)

Phone (02) 268 4611

FAX (02) 264 7527

SOUTH AUSTRALIA

Information Services
 Australian Bureau of Statistics
 41 Currie Street
 Adelaide SA 5000

(Box 2272, GPO Adelaide 5001)

Phone (08) 237 7100

FAX (08) 237 7566

VICTORIA

Information Services
 Australian Bureau of Statistics
 Level 5, Rialto North Tower
 525 Collins Street
 Melbourne VIC 3000

(Box 2796Y, GPO Melbourne 3001)

Phone (03) 615 7000

FAX (03) 615 7798

TASMANIA

Information Services
 Australian Bureau of Statistics
 1st Floor,
 175 Collins Street
 Hobart TAS 7000

(Box 66A, GPO Hobart 7001)

Phone (002) 20 5800

FAX (002) 20 5824

QUEENSLAND

Information Services
 Australian Bureau of Statistics
 313 Adelaide Street
 Brisbane QLD 4000

(Box 9817, GPO Brisbane 4001)

Phone (07) 222 6351

FAX (07) 229 6042

NORTHERN TERRITORY

The Statistician—Northern Territory
 Australian Bureau of Statistics
 6th Floor, MCL Building
 81 Smith Street
 Darwin NT 0801

(Box 3796, PO Darwin 3796)

Phone (089) 81 3456

FAX (089) 81 1218

WESTERN AUSTRALIA

Information Services
 Australian Bureau of Statistics
 Level 1, Hyatt Centre
 30 Terrace Road
 East Perth WA 6004

(Box K881, GPO Perth 6001)

Phone (09) 323 5140

FAX (09) 221 2374

AUSTRALIAN CAPITAL TERRITORY

Information Services
 Australian Bureau of Statistics
 Unit 5
 Cameron Offices
 Belconnen ACT 2617

(PO Box 10, Belconnen ACT 2616)

Phone (06) 252 6627

FAX (06) 253 1404



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HOBART (002) 20 5800
DARWIN (089) 81 3456
CANBERRA (06) 252 6627



Information Services, ABS, PO Box 10, Belconnen ACT 2616
or any ABS State office.

